

TABLE OF CONTENTS

<u>Char</u>	<u>oter</u>	<u>Page</u>			
1.0	Proje	ct Overvi	1-1		
2.0	Initial	2-1			
	2.1	2-2			
	2.2	Determ	2-2		
	2.3	Evaluat	2-4		
		2.3.1	Aesthetics	2-4	
		2.3.2	Agriculture Resources	2-9	
		2.3.3	Air Quality	2-16	
		2.3.4	Biological Resources	2-29	
		2.3.5	Cultural Resources	2-61	
		2.3.6	Geology and Soils	2-79	
		2.3.7	Hazards and Hazardous Materials	2-97	
		2.3.8	Hydrology and Water Quality	2-109	
		2.3.9	Land Use and Planning	2-124	
		2.3.10	Mineral Resources	2-133	
		2.3.11	Noise	2-135	
		2.3.12	Population and Housing	2-145	
		2.3.13	Public Services	2-149	
		2.3.14	Recreation	2-153	
		2.3.15	Transportation/Traffic	2-156	
		2.3.16	Utilities and Service Systems	2-163	
		2.3.17	Mandatory Findings of Significance	2-168	
3.0	Environmental Justice				
4.0	Report Preparation				
5.0	Refer	ences		5-1	
6.0	Acror	nvms		6-1	

APPENDICES

- A. Mailing List and Notice of Scoping Meeting
- B. Scoping Comments
- C. Mitigation Monitoring Program
- D. PG&E Line 57C Biological Resource Technical Report
- E. PG&E Line 57C Draft Wetland Delineation Report
- F. Cultural Resources Survey for the Line 57C Reliability Project in San Joaquin and Contra Costa Counties, California
- G. Supplemental Cultural Resources Survey for the Line 57 Reliability Project in San Joaquin and Contra Costa Counties, California
- H. Paleontologic Resources, Impacts and Mitigation, Pacific Gas & Electric Pipeline 57C Revised Route, San Joaquin County, California
- I. Preliminary Geotechnical Services Report, Pacific Gas and Electric Pipeline 57C Revised Route, San Joaquin County, California

LIST OF TABLES

<u>Table</u>		<u>Page</u>
1-1	Horizontal Directional Drill Summary	1-22
2-1	Significant Wildlife Habitat to be Crossed by Line 57C	2-31
2-2	Special Status Species Potentially Occurring Within the Project Vicinity	2-37
2-3	Active and Potentially Active Faults Within 100 km of the Project Site	2-83
2-4	Delta Levee Standards	2-116
2-5	Noise Ranges of Common Activities	2-137
2-6	Human Response to Different Levels of Groundborne Vibration	2-139
2-7	Noise Ranges of Typical Construction Equipment	2-142
2-8	Vibration Source Levels for Construction Equipment	2-143
3-1	Summary of Census 2000 Demographics for Region	3-3
3-2	Summary of Census 2000 Race and Ethnicity Demographics for Region	3-4
3-3	Low-Income Populations in Potential Project Impact Area	3-7
3-4	Minority Populations in Potential Project Impact Area	3-8

LIST OF FIGURES

<u>Figu</u>	<u>ire</u>	<u>Page</u>
1	Project Location	1-2
2	Project Description Map	1-3
3	Construction Techniques #1	1-13
4	Construction Techniques #2	1-14
5	Construction Techniques #3	1-16
6	Typical Valve Installation	1-17
7	Typical 150' Construction Row	1-19
8	Typical Site Plan, Horizontal Drilling Rig	
9	Typical Cross Section of Trench	1-27
10	Class Location	